Unit 09 – Project Management

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9.9 Learning Aim B – Feasibility Study

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Learning Objectives

To be able to explain what is meant by a Feasibility Study

To be able to explain the different parts of a Feasibility Study

To be able to carry out a Feasibility Study on a scenario

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Feasibility Study

- Before beginning a project, you need to ask yourself a question
- “can I do it?”
- This is what feasible means – it is possible to do what I want
- For example, if you’ve never climbed a mountain before, can you go up Everest?
- The answer is no – it’s not *feasible!*

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Feasibility studies in business

- In a business a feasibility study is linked to money
- $ You need to work out if a project is ‘financially viable’
- € In other words – you can do the project, but does it make financial sense
- It might cost you an enormous amount of money
- You might not get a lot of money back
- ✕ This is not a viable project
- Although it is achievable it is not financially ‘feasible’

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Feasibility studies in business

There are many ways to ensure a project is feasible

As well as economically viable

You will carry out a feasibility study before beginning any IT project

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9.1 Technical Assessment

Does the technology exist to solve the problem?

Will technology have to be designed or created?

Does the business already have the technical knowledge, or will new staff need to be hired?

Are there enough technical resources (i.e. people) who can solve the problem?

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Class Task 9.1

As a class or in small groups carry out a Technical Assessment for the given Scenario and the recommended solution.

What are your conclusions? Is the project feasible or not? Explain how you arrived at your answer.

TIME: 10 minutes

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Class Task 9.1 Suggested Answers

- The program will be written in a language the developer is familiar with
- Data will be stored on central files
- All programming languages can read and write from files
- The program is be installed on lots of computers
- This can be installed using ZIP, JAR or MSI installer package
- **The project is TECHNICALLY FEASIBLE**

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Self-Check: Lesson Review

What does a Feasibility Study mean?

What is a Technical Assessment?

What is an Economic Assessment?

What is a Legal Assessment?

What is the difference between an Operational and Scheduling Assessment?

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9.9 Resources

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Resources

Websites:

https://www.simplilearn.com/feasibility-study-article

Video Tutorials:

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